

STATE OF CALIFORNIA
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
STATE WATER RESOURCES CONTROL BOARD

DIVISION OF WATER RIGHTS

PERMIT FOR DIVERSION AND USE OF WATER

PERMIT 20749

Application 20245 of Contra Costa Water District,

1331 Concord Avenue, Concord, CA 94524

filed on June 5, 1961, has been approved by the State Water Resources Control Board
SUBJECT TO PRIOR RIGHTS and to the limitations and conditions of this permit.

Permittee is hereby authorized to divert and use water as follows:

1. Source:

Tributary to:

(1) Old River

San Joaquin Delta Channels

2. Location of point of diversion:	40-acre subdivision of public land survey or projection thereof	Projected Section	Township	Range	Base and Meridian
<u>By California Coordinate System,</u> <u>Zone 3</u> (1) North 507,050 feet and East 1,689,550 feet	NW $\frac{1}{4}$ of SE $\frac{1}{4}$	31	1N	4E	MD
<u>Rediversion at Los Vaqueros Dam</u> North 489,200 feet and East 1,645,700 feet	NW $\frac{1}{4}$ of NW $\frac{1}{4}$	23	1S	2E	MD

County of Contra Costa

3. Purpose of use:	4. Place of use:	Section	Township	Range	Base and Meridian	Acres
Incidental Fish and Wildlife Preservation and/or Enhancement						
Water Quality						
Recreation						
Domestic						
Municipal						
Industrial						
Irrigation	Contra Costa Water District, Pittsburg, Antioch, Brentwood, Oakley, Los Vaqueros recreation area, and rural county subarea		2S 1S 1N 2N 3N	3W 2W 1W 1E 2E 3E 4E	MD	931

The place of use is shown on map on file with the State Water Resources Control Board.

5. The water appropriated shall be limited to the quantity which can be beneficially used and shall not exceed 95,850 acre-feet per annum to be collected from November 1 of each year to June 30 of the succeeding year. (0000005)

The maximum rate of diversion to offstream storage shall not exceed 200 cubic feet per second. (000005J)

6. The amount authorized for appropriation may be reduced in the license if investigation warrants. (0000006)

7. Construction work shall begin within two years of the date of this permit and shall thereafter be prosecuted with reasonable diligence, and if not so commenced and prosecuted, this permit may be revoked. (0000007)

8. Construction work shall be completed by December 31, 1999. (0000008)

9. Complete application of the water to the authorized use shall be made by December 31, 2025. (0000009)

10. Progress reports shall be submitted promptly by permittee when requested by the State Water Resources Control Board until a license is issued. (0000010)

11. Permittee shall allow representatives of the State Water Resources Control Board and other parties, as may be authorized from time to time by said Board, reasonable access to project works to determine compliance with the terms of this permit. (0000011)

12. Pursuant to California Water Code Sections 100 and 275, and the common law public trust doctrine, all rights and privileges under this permit and under any license issued pursuant thereto, including method of diversion, method of use, and quantity of water diverted, are subject to the continuing authority of the State Water Resources Control Board in accordance with law and in the interest of the public welfare to protect public trust uses and to prevent waste, unreasonable use, unreasonable method of use or unreasonable method of diversion of said water.

The continuing authority of the Board may be exercised by imposing specific requirements over and above those contained in this permit with a view to eliminating waste of water and to meeting the reasonable water requirements of permittee without unreasonable draft on the source. Permittee may be required to implement a water conservation plan, features of which may include but not necessarily be limited to: (1) reusing or reclaiming the water allocated; (2) using water reclaimed by another entity instead of all or part of the water allocated; (3) restricting diversions so as to eliminate agricultural tailwater or to reduce return flow; (4) suppressing evaporation losses from water surfaces; (5) controlling phreatophytic growth; and (6) installing, maintaining, and operating efficient water measuring devices to assure compliance with the quantity limitations of this permit and to determine accurately water use as against reasonable water requirements for the authorized project. No action will be taken pursuant to this paragraph unless the Board determines, after notice to affected parties and opportunity for hearing, that such specific requirements are physically and financially feasible and are appropriate to the particular situation.

The continuing authority of the Board also may be exercised by imposing further limitations on the diversion and use of water by the permittee in order to protect public trust uses. No action will be taken pursuant to this paragraph unless the Board determines, after notice to affected parties and opportunity for hearing, that such action is consistent with California Constitution Article X, Section 2; is consistent with the public interest and is necessary to preserve or restore the uses protected by the public trust. (0000012)

13. The quantity of water diverted under this permit and under any license issued pursuant thereto is subject to modification by the state Water Resources Control Board if, after notice to the permittee and an opportunity for hearing, the Board finds that such modification is necessary to meet water quality objectives in water quality control plans which have been or hereafter may be established or modified pursuant to Division 7 of the Water Code. No action will be taken pursuant to this paragraph unless the Board finds that (1)adequate waste discharge requirements have been prescribed and are in effect with respect to all waste discharges which have any substantial effect upon water quality in the area involved, and (2)the water quality objectives cannot be achieved solely through the control of waste discharges. (0000013)

14. Permittee shall consult with the Division of Water Rights and, within one year from the date of this permit, shall submit to the State Water Resources Control Board its Urban Water Management Plan as prepared and adopted in conformance with Section 10610, et seq. of the California Water Code, supplemented by any additional information that may be required by the Board.

All cost-effective measures identified in the Urban Water Management Plan and any supplements thereto shall be implemented in accordance with the schedule for implementation found therein. (000029A)

15. Permittee shall install and maintain an outlet pipe of adequate capacity in the dam as near as practicable to the bottom of the natural stream channel in order that water entering the reservoir which is not authorized for appropriation under this permit can be released. Before starting construction, permittee shall submit plans and specifications of the outlet pipe to the Chief of the Division of Water Rights for approval. Before storing water in the reservoir, permittee shall furnish evidence which substantiates that the outlet pipe has been installed in the dam. Evidence shall include photographs showing completed works or certification by a registered Civil or Agricultural Engineer. (0050043)
16. If the storage dam will be of such size as to be within the jurisdiction of the Department of Water Resources as to safety, construction under this permit shall not be commenced until the Department has approved the plans and specifications for the dam. (0360048)
17. In accordance with the requirements of Water Code Section 1393, permittee shall clear the site of the proposed reservoir of all structures, trees, and other vegetation which would interfere with the use of the reservoir for water storage and recreational purposes. (0120050)
18. In accordance with Section 1601, 1603, and/or Section 6100 of the Fish and Game Code, no work shall be started on the diversion works and no water shall be diverted under this permit until permittee has entered into a stream or lake alteration agreement with the California Department of Fish and Game and/or the Department has determined that measures to protect fishlife have been incorporated into the plans for construction of such diversion works. Construction, operation, and maintenance costs of any required facility are the responsibility of the permittee. (0000063)
19. The State Water Resources Control Board reserves jurisdiction over this permit to change the season of diversion to conform to later findings of the Board concerning availability of water and the protection of beneficial uses of water in the Sacramento-San Joaquin Delta and San Francisco Bay. Any action to change the authorized season of diversion will be taken only after notice to interested parties and opportunity for hearing. (0000080)
20. This permit is subject to prior rights. Permittee is put on notice that, during some years, water will not be available for diversion during portions or all of the season authorized herein. The annual variations in demands and hydrologic conditions in the San Joaquin River are such that, in any year of water scarcity, the season of diversion authorized herein may be reduced or completely eliminated on order of this Board made after notice to interested parties and opportunity for hearing. (0000090)
21. In order to prevent degradation of the quality of water during and after construction of the project, prior to commencement of construction, permittee shall file a report pursuant to Water Code Section 13260 and shall comply with all waste discharge requirements imposed by the California Regional Water Quality Control Board, San Francisco Bay Region, or by the State Water Resources Control Board. (0000100)
22. No water shall be diverted under this permit until permittee has installed devices, satisfactory to the State Water Resources Control Board, which are capable of measuring the flow: (1) diverted into permittee's reservoir from Old River; and (2) releases through the outlet facilities of permittee's reservoir. Said measuring devices shall be properly maintained. (0060046)

23. The permittee shall maintain a daily record of direct diversion and collection to storage under this permit and submit such record to the Division on an annual basis, on or before March 1. The record of water use under this permit may not be combined with diversion or storage records for water use under other rights maintained by the permittee.

(0090900)

24. The total quantity of water diverted under this permit, together with that diverted under Permits 12721, 11967, 12722, 12723, 12725, 12726, 11315, 11316, 16597, 11968, 11969, 11971, 11973, 12364, 13776, 16600, and 15735 issued pursuant to U.S. Bureau of Reclamation Applications 5626, 5628, 9363, 9364, 9366, 9367, 13370, 13371, 14858, 15374, 15375, 16767, 17374, 17376, 18115, 19304 and 22316 shall not exceed 180,675 acre-feet per annum from Old River and also shall not exceed in any one-year period commencing on March 1, the sum of (i) 195,000 acre-feet and (ii) 4,000 acre-feet to replace evaporation losses and (iii) the difference between the quantity of water in storage in Los Vaqueros Reservoir at the end of the period and the quantity of water in storage at the beginning of the period, from Old River and Rock Slough, combined. If the storage at the end of the period is less than the storage at the beginning of the period, the change in storage shall be subtracted from the 195,000 acre-feet.

Until further order of the Board, the combined maximum annual diversion shall not exceed 242,000 acre-feet per annum from Old River and Rock Slough. Further order of the Board shall be preceded by notice to all interested parties, by opportunity for hearing, and a showing that water can be diverted in excess of 242,000 acre-feet per annum, taking into account the needs of public trust uses, senior water right holders, and other beneficial uses. The petition shall be accompanied by any environmental documentation required under California law. This requirement for further order of the Board shall not preclude the permittee from filing appropriate petitions for temporary changes or applications for temporary permits under laws existing at the time of the petition or application.

Provided, however, that if during the twelve months after the date when water is first diverted to storage in Los Vaqueros Reservoir there is adequate water available under the water rights listed above, the combined maximum diversion during that initial twelve months shall be 252,000 acre-feet from Old River and Rock Slough.

The total quantity of water distributed under the permits on the above water rights within the authorized place of use served by Contra Costa Water District for use by the customers of the Contra Costa Water District, in any year commencing March 1 shall not exceed 195,000 acre-feet.

(0000114)

25. Permittee shall comply with all legally binding requirements of the California Department of Fish and Game, the United State Fish and Wildlife Service, and the National Marine Fisheries Service imposed under either the federal Endangered Species Act (16 U.S.C.A. Sections 1531 to 1544) or the California Endangered Species Act (Fish and Game Code Sections 2050 to 2098), with respect to the Los Vaqueros Project.

(0600500)

26. Permittee shall comply with the "Programmatic Agreement Among the U.S. Bureau of Reclamation (USBR), Contra Costa Water District, the California State Historic Preservation Office and the Advisory Council on Historic Preservation Regarding the Implementation of the Los Vaqueros Project", executed on February 3, 1993, and shall comply with it as it may be amended in the future. Permittee also shall comply with all historic property treatment plans prepared under the Programmatic Agreement.

The permittee shall continue to consult with the U.S. Bureau of Reclamation, U.S. Army Corps of Engineers, the Chief, Division of Water Rights, the State Historic Preservation Officer and the Advisory Council on Historic Preservation regarding cultural resources until all stipulations of the Programmatic Agreement have been completed to the satisfaction of the agencies. The permittee also shall comply with the "Procedure for the Protection of Historic and Cultural Properties" (36 CFR 60) and the implementing regulations of the Advisory Council on Historic Preservation, 36 CFR 800.

Permittee shall comply with the Memorandum of Understanding executed July 21, 1993 between Contra Costa Water District and seven of the Native Americans Most Likely Descendants regarding treatment of Native American human remains and the selection of Native American monitors.

(0430300)

27. Permittee shall comply with mitigation measures 7-1 through 7-19 and 8-1 through 8-12 set forth at pages 19-5 through 19-8 of the final Environmental Impact Report/Environmental Impact Statement (EIR/EIS) dated September 27, 1993. Permittee also shall comply with mitigation measures 1 through 13 under "Additional Environment Commitments Related to the Fish and Wildlife Coordination Act Report" set forth at pages 19-13 through 19-14 of the Final EIR/EIS. The Chief, Division of Water Rights, may grant a variance from any of these mitigation measures after making a finding that the variance will have no significant adverse effect on the environment. Any request for a variance shall include the reasons for the variance, environmental information necessary to demonstrate that it will not adversely affect the environment, and proof that the permittee has notified all interested parties of the request.

(0400500)

28. Permittee shall in cooperation with the United States Bureau of Reclamation implement the mitigation monitoring and reporting measures for Bay-Delta fishery resources, Bay-Delta water quality, vegetation resources, wildlife resources, cultural resources, and to comply with the Fish and Wildlife Coordination Act (16 U.S.C. Section 661 et seq.), which are set forth in the Environmental Commitments and Mitigation Monitoring the Reporting Plan for the Los Vaqueros Project Stage 2 Environmental Impact Report/Environmental Impact Statement, dated October 27, 1993. Permittee in cooperation with the United States Bureau of Reclamation shall provide a report to the Chief, Division of Water Rights by April 1 of each year detailing the results of the previous year's monitoring, plans for the current year's monitoring, and the status of implementation of each mitigation measure required by this decision.

(0400500)

29. No diversion is authorized that would adversely affect the operation of the Central Valley Project or State Water Project under permits and licenses for the Projects in effect on the date of this Order. An adverse effect shall be deemed to result from Permittee's diversion at any time the U.S. Bureau of Reclamation and the Department of Water Resources have declared the Delta to be in balanced water conditions under the Coordinated Operation Agreement or at any other time that such diversion would directly or indirectly require the Central Valley Project or the State Water Project to release water from storage or to reduce their diversion or redirection of water from the Delta to provide or assure flow in the Delta required to meet any applicable provision of state or federal law. (0350900)

30. Permittee shall minimize increased levels of suspended sediments discharged to Old River during construction, maintenance and repair of the Old River intake facility and minimize loss of fish and riparian wildlife at the Old River intake facility construction site by: (1) installing floating silt curtains, silt fences, stormwater detention facilities, and other appropriate sediment control facilities; (2) mapping existing riparian/aquatic fish habitat prior to construction and taking steps to avoid losses to existing habitat during facility construction as much as possible; and (3) reestablishing suitable new habitat on newly constructed or existing levees to compensate for unavoidable losses. Further, the permittee shall perform all construction, maintenance and repair operations on the Old River intake facility only during the period from September 1 through December 30 of each year, unless U.S. Fish and Wildlife Service and Department of Fish and Game authorized these activities during other periods. Best management practices shall be used to minimize direct and indirect impacts to fish and wildlife. (0400500)

31. (a) During the period from March 15 through May 15 of each year, the permittee shall use the Old River point of diversion as much as possible in order to minimize diversions at the Rock Slough point of diversion under Permits 12725, 12726, and 15735 on Applications 9366, 9367, and 22316 of the U.S. Bureau of Reclamation.

(b) During the period from March 15 through May 31 of each year, the permittee shall not divert water from the Old River point of diversion to offstream storage in Los Vaqueros Reservoir when the reservoir storage level is more than 70,000 acre-feet (af) in a below normal, above normal or wet water year, or more than 44,000 af in a dry or critical water year. Water year types will be as defined in the February edition of the California Department of Water Resources Bulletin 120 of the Four Basin Index set forth in the permits and licenses of the Bureau of Reclamation.

(c) During the period from April 1 through April 30 of each year, permittee shall not divert water from the Delta for use by Contra Costa Water District at times when storage in the reservoir is more than 70,000 af in a below normal, above normal or wet water year, or more than 44,000 af in a dry or critical water year, unless more than 12,500 acre-feet is necessary to meet reasonable demands in the Contra Costa Water District service area during this period.

If in any year the Department of Fish and Game, U.S. Fish and Wildlife Service or National Marine Fisheries Service require modifications in the time periods specified in items (b) or (c) above to protect endangered or threatened species, permittee shall by February 15, or immediately if after February 15, notify the Chief, Division of Water Rights of the time period modifications for that year. Unless within 15 days the Chief, Division of Water Rights, objects to the proposed modifications or proposes an alternative, the permittee shall implement the modifications.

The requirements of this permit term shall become effective when Los Vaqueros Reservoir is initially filled to a level of 90,000 af.

(0560900)
(0360900)
(0600500)

32. Permittee shall construct, operate and maintain a fish screen and fish screen cleaning system at the Old River intake facility, satisfactory to the Department of Fish and Game, United States Fish and Wildlife Service and National Marine Fisheries Service. The fish screen facility shall be constructed and made fully operational prior to operation of the Old River intake facility and by not later than January 1, 1997. In addition, the screen facility shall be designed and operated to achieve an average water approach velocity no greater than 0.2 feet per second for a 3/32" vertical slotted screen opening, and be operated to effectively screen fish greater than 21 millimeters long. (0400500)

33. To avoid construction impacts to Swainson's hawks, surveys shall be conducted weekly beginning the first week of April through May 15 by a biologist acceptable to the Department of Fish and Game to determine if any nesting is occurring within $\frac{1}{2}$ mile of the Old River diversion point, and to determine whether there is any suitable nesting habitat within $\frac{1}{2}$ mile. If nesting is occurring within $\frac{1}{2}$ mile, construction may not be initiated or continued until August 15 without additional consultation with the Department of Fish and Game. This term shall expire upon completion of construction. (0400500)

This permit is issued and permittee takes it subject to the following provisions of the Water Code:

Section 1390. A permit shall be effective for such time as the water actually appropriated under it is used for a useful and beneficial purpose in conformity with this division (of the Water Code), but no longer.

Section 1391. Every permit shall include the enumeration of conditions therein which in substance shall include all of the provisions of this article and the statement that any appropriator of water to whom a permit is issued takes it subject to the conditions therein expressed.

Section 1392. Every permittee, if he accepts a permit, does so under the conditions precedent that no value whatsoever in excess of the actual amount paid to the State therefor shall at any time be assigned to or claimed for any permit granted or issued under the provisions of this division (of the Water Code), or for any rights granted or acquired under the provisions of this division (of the Water Code), in respect to the regulation by any competent public authority of the services or the price of the services to be rendered by any permittee or by the holder of any rights granted or acquired under the provisions of this division (of the Water Code) or in respect to any valuation for purposes of sale to or purchase, whether through condemnation proceedings or otherwise, by the State or any city, city and county, municipal water district, irrigation district, lighting district, or any political subdivision of the State, of the rights and property of any permittee, or the possessor of any rights granted, issued, or acquired under the provisions of this division (of the Water Code).

JULY 6 1994

Dated:

STATE WATER RESOURCES CONTROL BOARD

Roger Shuman
for Chief, Division of Water Rights